IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REVOCATION OF PRIOR POWERS OF ATTORNEY
and
NEW POWER OF ATTORNEY

Sir:

The undersigned, Alnylam Pharmaceuticals, Inc., a Delaware Corporation, assignee of the entire right, title and interest for all of the patents and patent applications identified in the attached Schedule A, hereby revokes all previous powers of attorney or authorizations of agent given in the identified patents and patent applications and in any divisional, continuing, substitute, renewal, reexamination, or reissue applications thereof, and appoints all practitioners of Lowrie, Lando & Anastasi, LLP associated with Customer Number:

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as assignee's attorneys or agents with full power of substitution to take any and all action necessary with regard to the identified patents and patent applications, and with regard to any divisional, continuing, substitute, renewal or reissue applications thereof.

Please address all telephone calls to Allyson R. Hatton at telephone no. (617) 395-7067.

Please forward all correspondence to the correspondence address associated with Customer Number:

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Alnylam Pharmaceuticals, Inc.

By: _____ Dated: 1/15/08

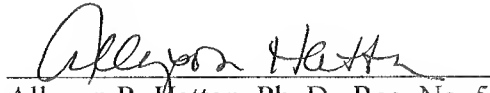Name: Barry Greene

Title: President and Chief Operating Officer

ASSIGNEE CERTIFICATION

Attached to this power is a Certificate Under 37 CFR 3.73(b).

Dated: January 23, 2008 _____

Allyson R. Hatton, Ph. D., Reg. No. 54,154
LOWRIE, LANDO & ANASTASI, LLP
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SCHEDULE A

U.S. Patents:

U.S. PATENT NO.	ISSUE DATE	ATTORNEY'S DOCKET NO.
7,196,184	03/07/2007	A2038-108001

SCHEDULE A

U.S. Patent Applications:

U.S. APPLICATION NO.	FILING DATE	ATTORNEY'S DOCKET NO.
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